



# 7.48kW Solar system

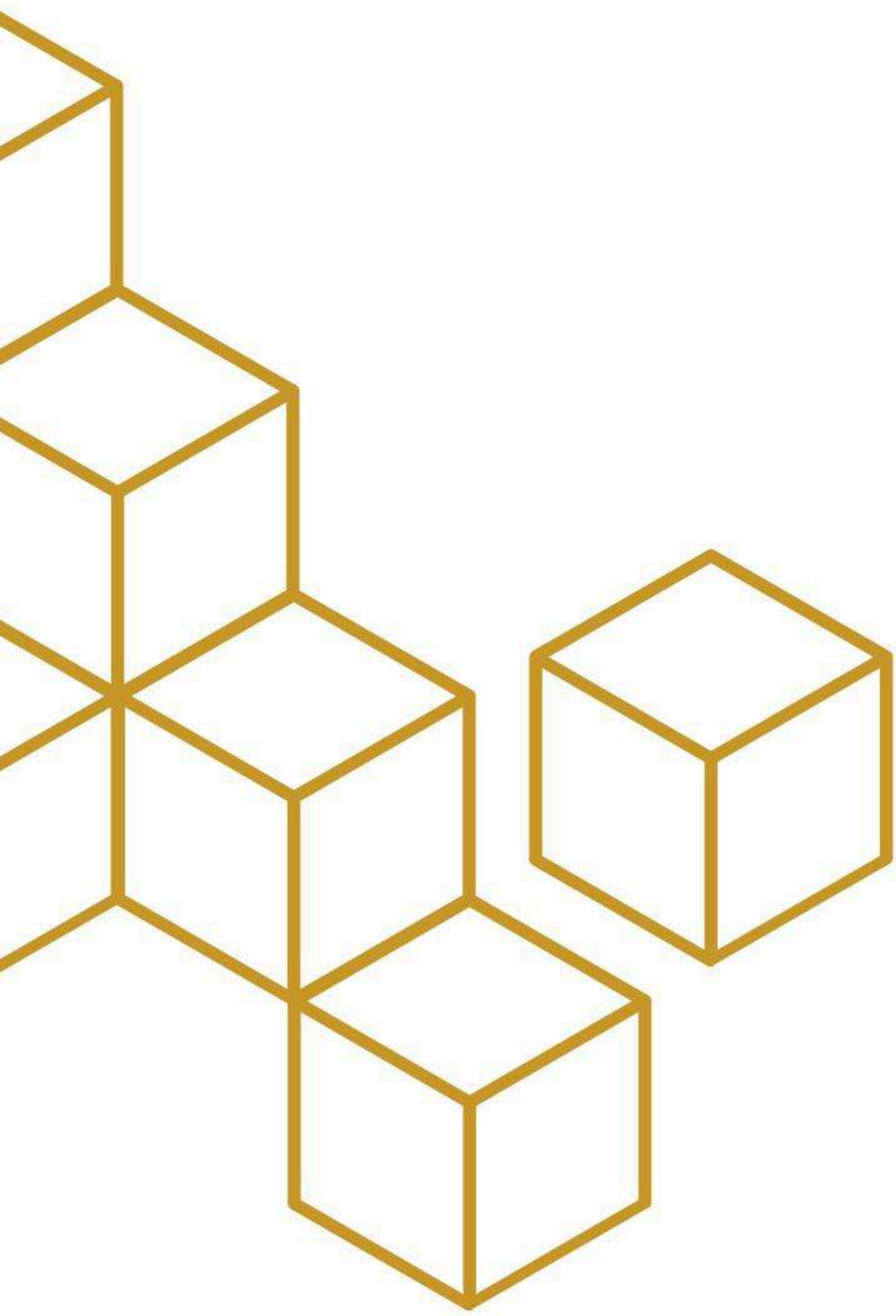
with 20kWh battery  
storage

Addressed to:



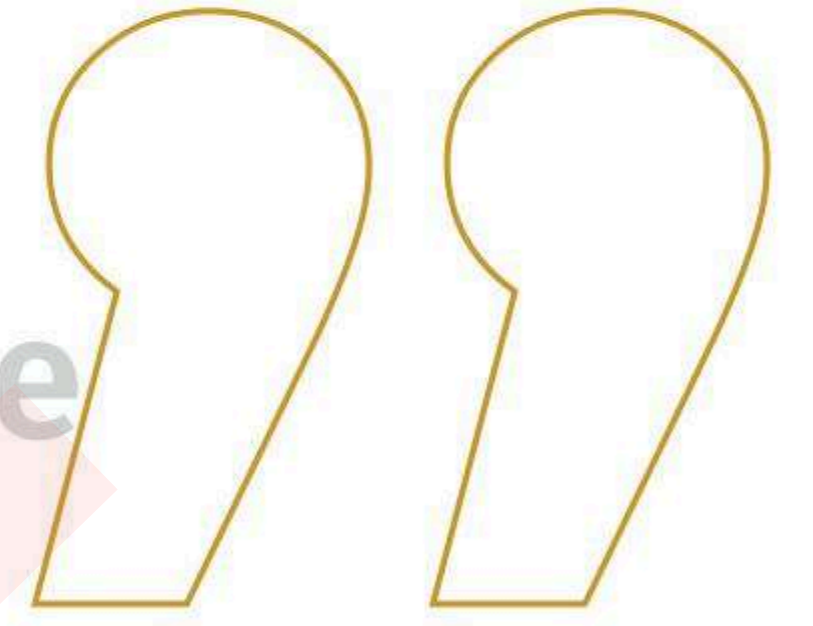
Prepared by Anthony on 25th August 2025  
Last updated on 17th February 2026

Offer valid until 25th September 2025



## Tiito

### Your Partner in Sustainable Energy

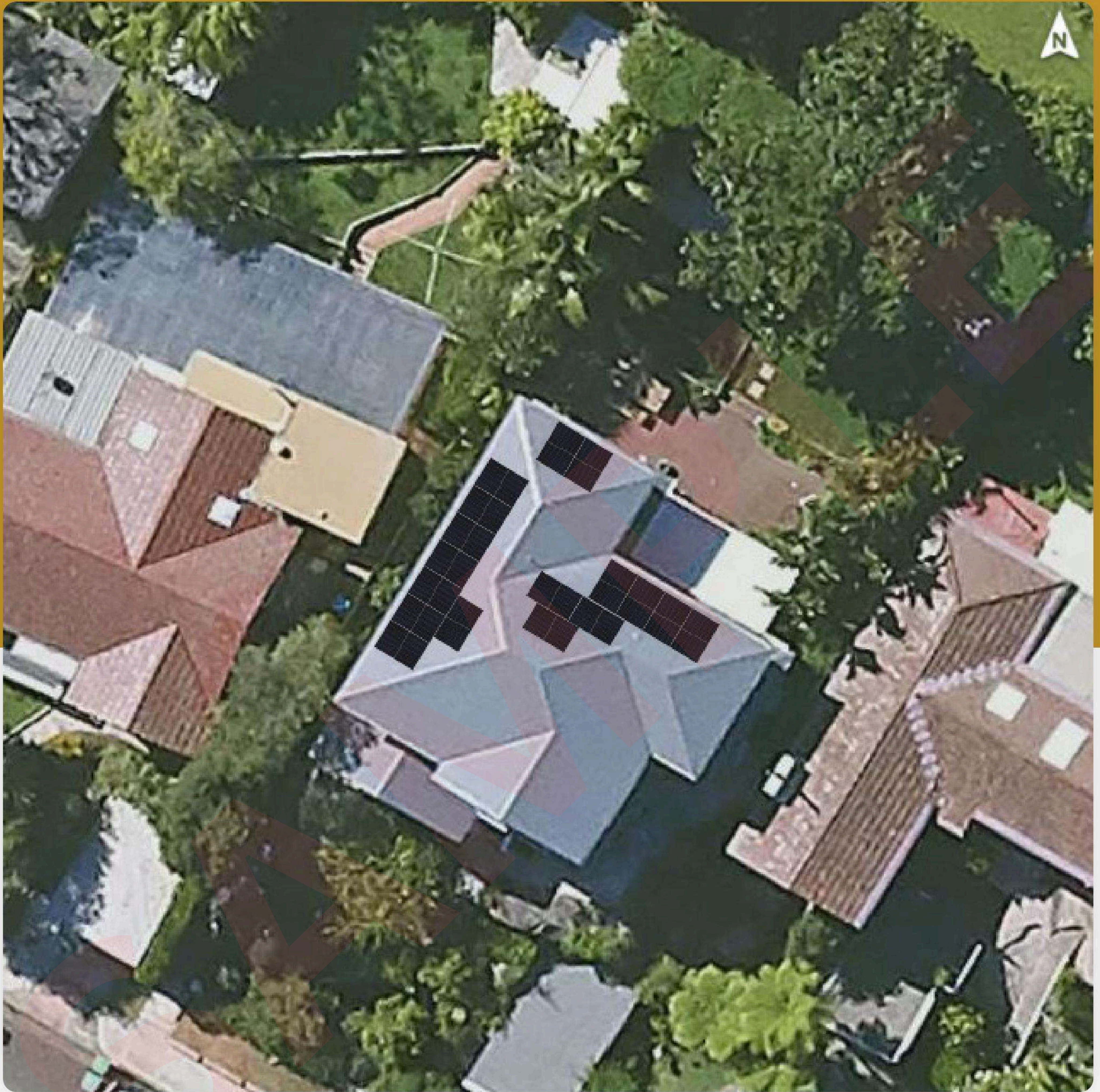


At Tiito, we specialise in delivering high-performance energy products for Australian homes.

Our solutions are engineered for reliability, cost savings, and sustainability, empowering Australian home owners to achieve long-term energy independence.

SAMPLE

# Proposed panel layout



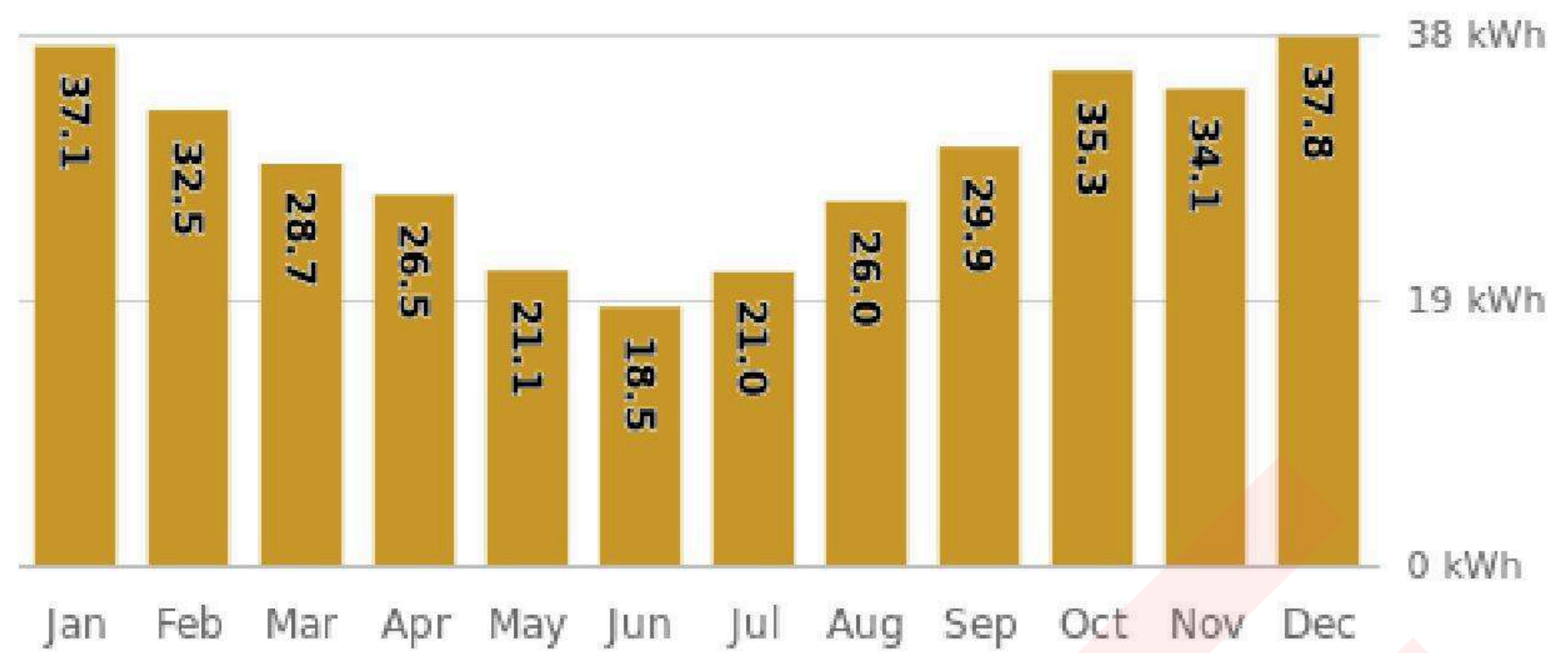
## Panel strings & component markings





## Daily production per month

How much electricity will my system generate per day, on average?



## System details

Your custom design

**Solar system size<sup>1</sup>**  
7.48 kW<sub>DC</sub> (STC)

**Battery size**  
20 kWh (20 kWh usable)

**Estimated annual production<sup>2</sup>**  
10,599 kWh

**Solar panel**  
17 × 440W JA Solar DeepBlue 4.0 ·  
JAM54D40-440/LB (IEC 61215-2021)  
1,762 × 1,134 mm · Monocrystalline · [Datasheet](#) · [Warranty](#)

**Inverter**  
1 × ANKER X1-H5K-T (AS4777-2 2020) · 5000W  
Three phase · 98.4% max. efficiency · [Datasheet](#) · [Manual](#) · [Warranty](#)

**Battery storage<sup>3</sup>**  
4 × ANKER X1-B5-H · 5kWh  
670 × 360 × 150 mm · 5kWh usable · LFP · [Datasheet](#) · [Manual](#) · [Warranty](#) ·  
[Safety](#)

**System efficiency<sup>4</sup>**  
87%



## Utility costs

How much will I save after installing solar?

### Before solar

\$333.33  
Average monthly bill

\$4,000.00  
Annual bill

### With solar

**\$95.45 ↓ 71%**  
First year average

**\$1,145.41 ↓ 71%**  
Est. annual savings \$2,854.59



## Included services

### Warranty & Repair Services

A 5 year workmanship warranty applies to this solar system installation. For other warranty information refer to the Warranty section below.



### Self-consumption

How much of your solar power will be consumed on-site. More is better.

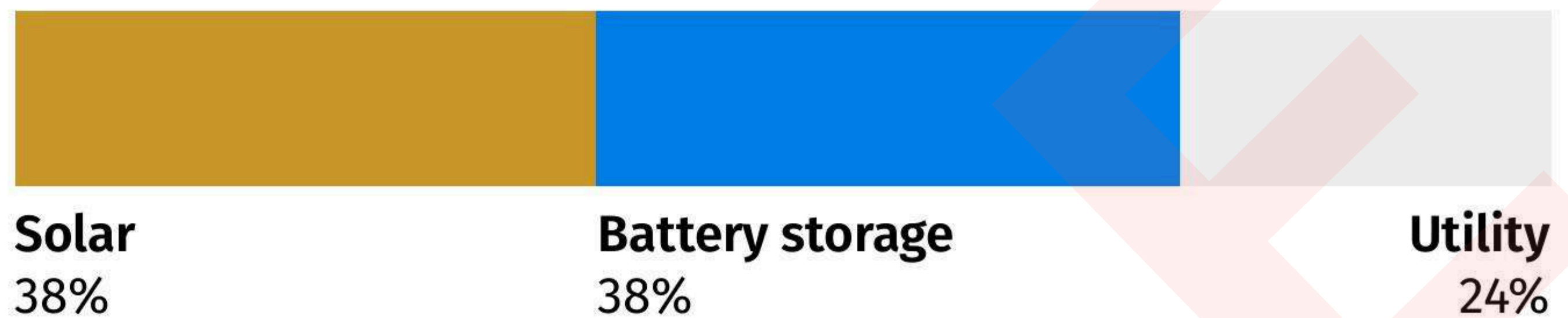
Solar only  
42%

With storage  
87% ↑ 45%



### Energy balance

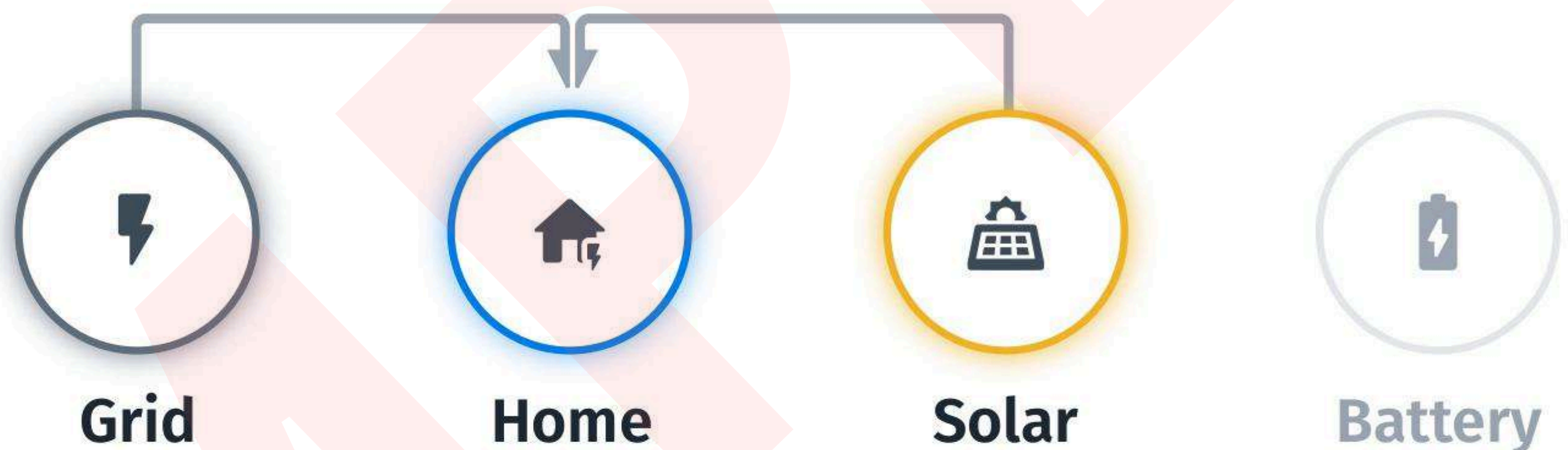
Where will your power come from?



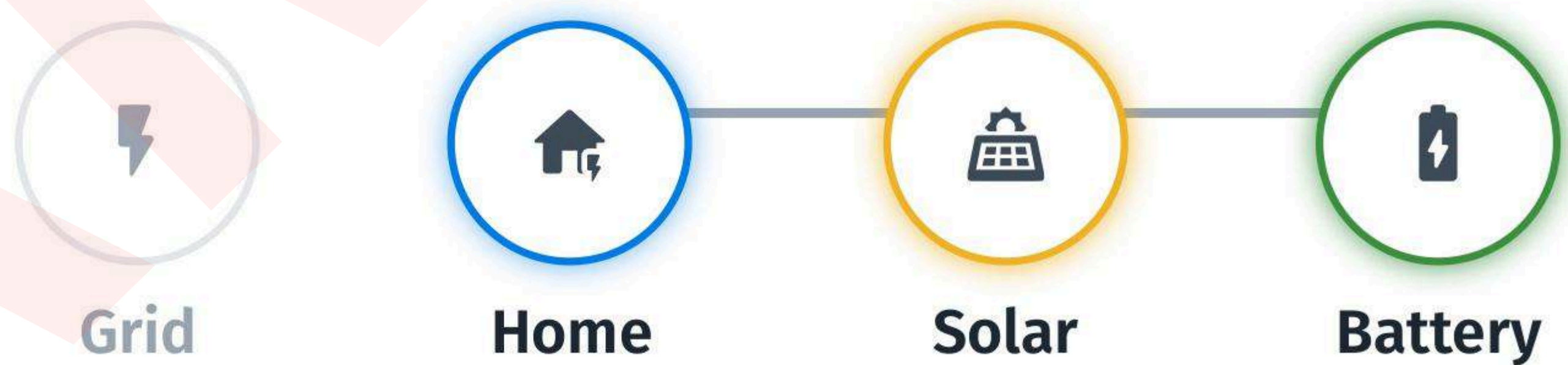
### Battery performance<sup>3</sup>

How will you make the most of your battery storage?

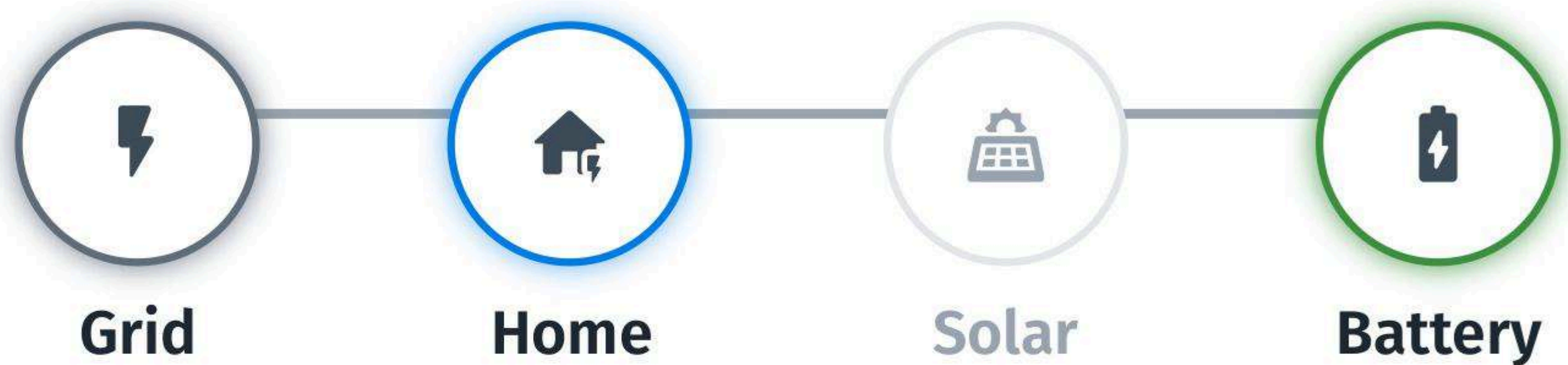
#### Morning



#### Afternoon



#### Night



## 20 year financial summary

Your historical electricity bills were used to help size your solar system. Based upon the system size suggested, the expected electricity bill savings over a 20 year period are provided below.

In addition, the first-year electricity bill savings you can expect are provided together with a chart of the monthly solar system output you can expect.

### \$57,051.67

#### Net present value of investment<sup>5</sup>

The Net Present Value (NPV) is the **present day value** of all future cash inflows minus the outflows. Since money is worth more in the present day than in the future, all future cashflows need to be discounted by inflation. A positive NPV indicates a good investment.

### 4–5 years

#### Discounted payback period<sup>5</sup>

Similarly, the Discounted Payback Period also accounts for all discounted future cashflows. The resulting period will typically be longer than a "simple payback period" calculation.

### 460%

#### Total return on investment<sup>5</sup>

The Return on Investment (ROI) is another measure of the efficiency of your solar investment. Imagine you invested \$100.00 today and received \$300.00 in return. The ROI would be 200%.

### 26.5%

#### Internal Rate of Return<sup>5</sup>

The Internal Rate of Return is the discount rate that is used such that the NPV of future cash flows is exactly zero. The higher IRR, the better



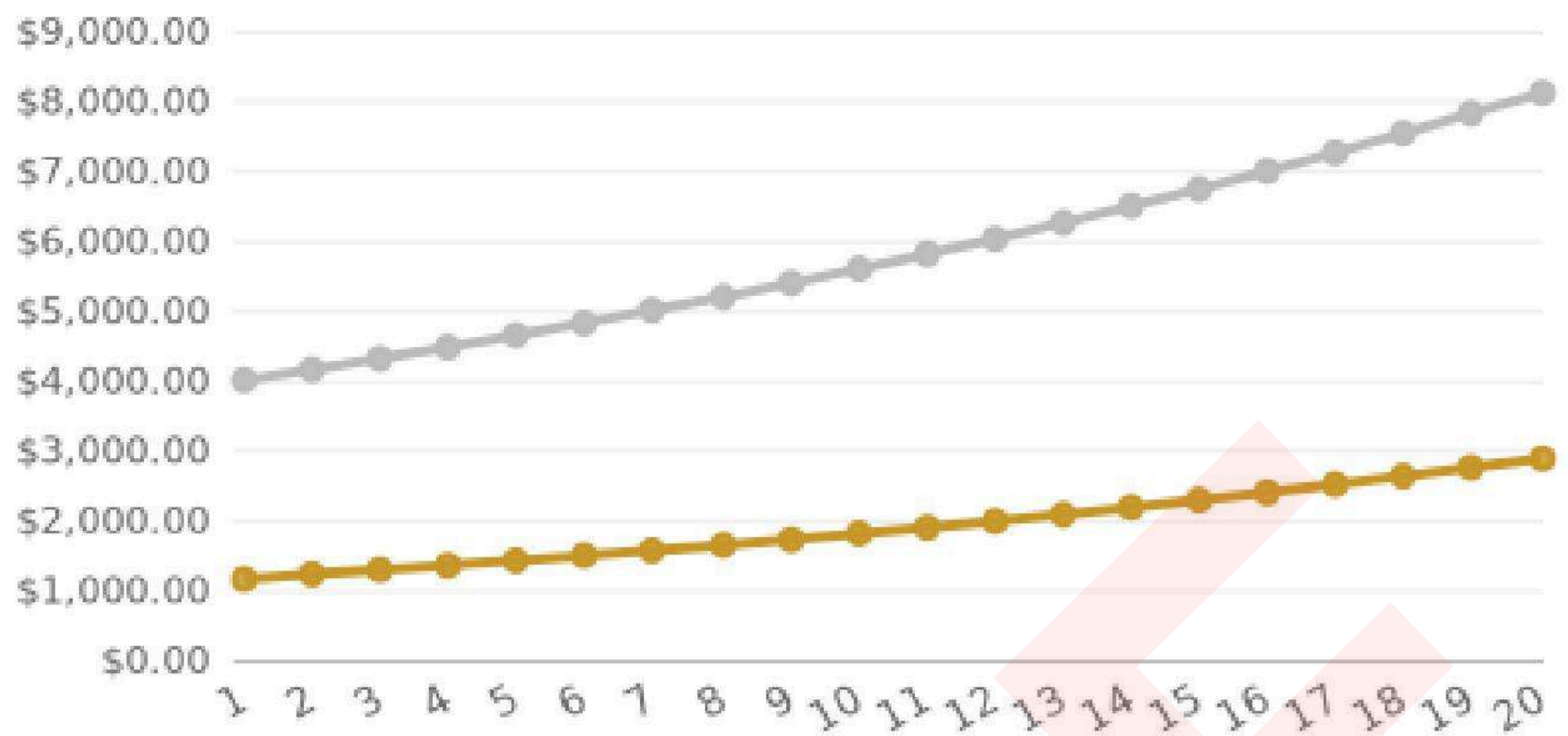
“Energy-efficient homes can sell for as much as 10 per cent more”

— *Dr Daniel Daly*

[Read more »](#)

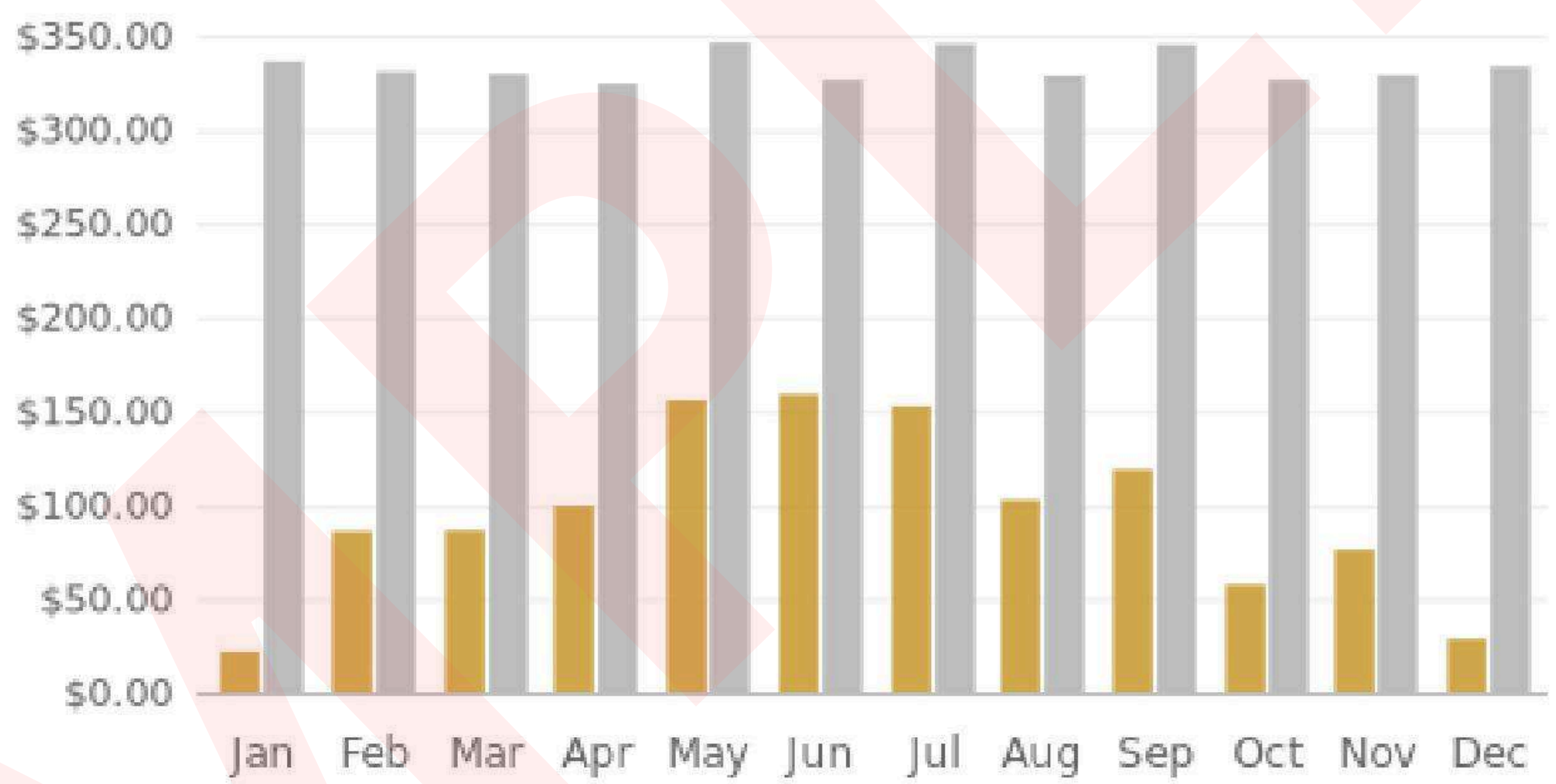
### Annual bill<sup>5</sup>

- Electricity bill without solar
- Electricity bill with solar

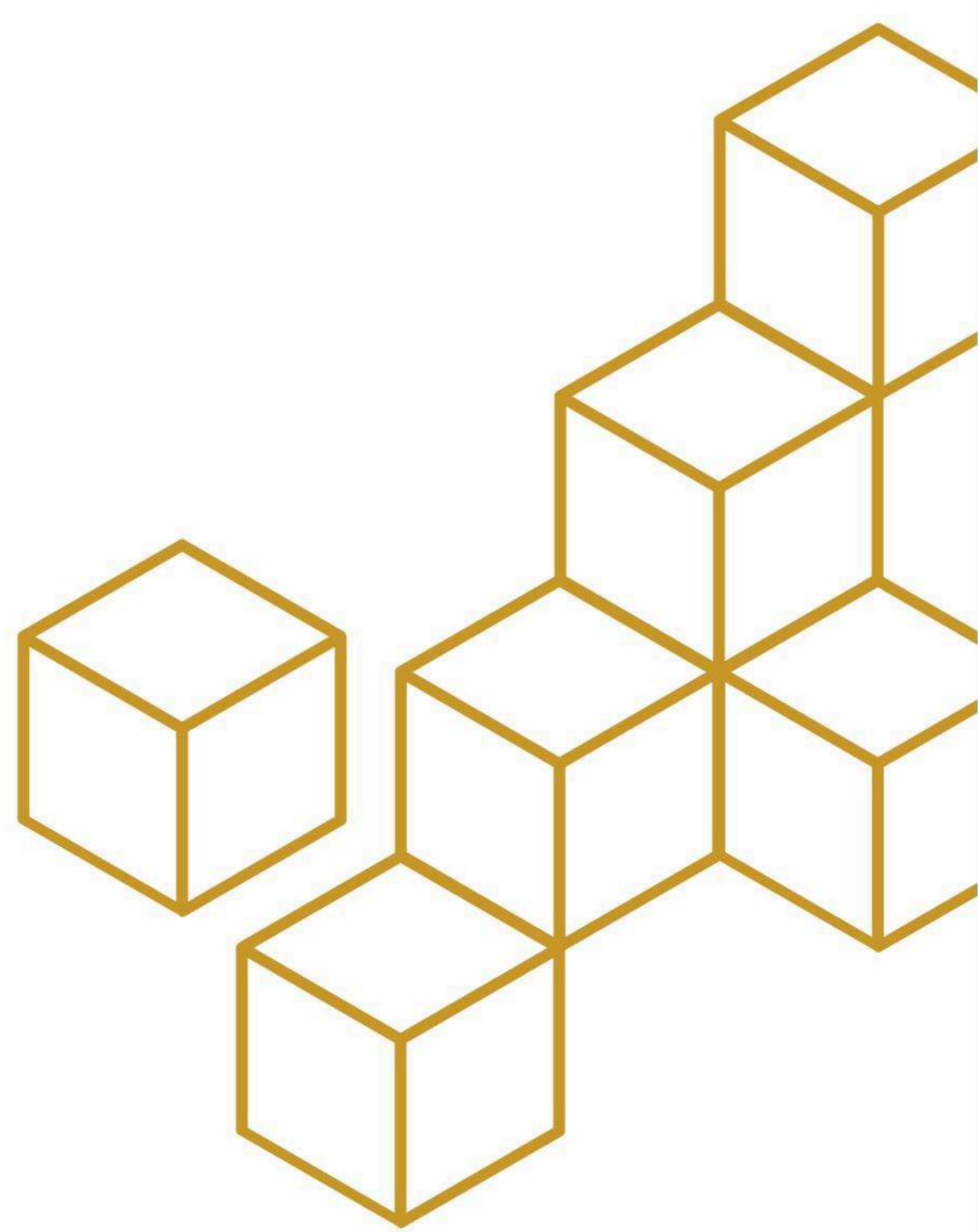


### Monthly electricity bill comparison<sup>5</sup>

- Electricity bill without solar
- Electricity bill with solar



SAM



# Environmental Analysis

Your solar system will generate significant environmental benefits. These come primarily from avoided power plant emissions.



**192**

Trees planted equivalent per year<sup>6,7</sup>



**3,183**

Avoided equivalent fuel per year (L)<sup>6,7</sup>



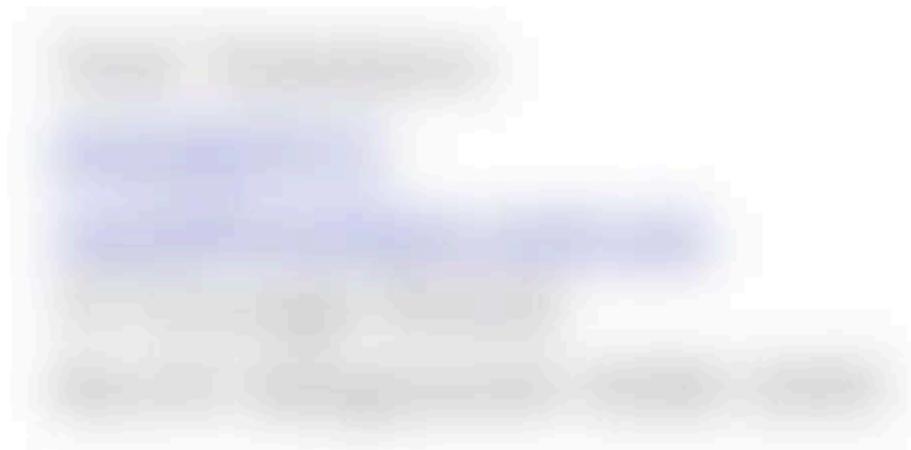
**3,617**

Avoided coal burnt per year (kg)<sup>6,7</sup>

# Quote



To



From

**TIITO TRADING PTY LTD**  
 ABN: 89 688 023 529  
 1.35/90 Bourke RD  
 Alexandria NSW 2015  
 Prepared on 25th August 2025  
 Est. install date 2025-10-30 03:00:00  
 Expiry date Sep 25, 2025

Address

Description	Quantity	Price	Total
7.48kW Solar system with 20kWh battery storage			
Solar Panel JA Solar DeepBlue 4.0 JAM54D40-440/LB (440W)	17		
Inverter ANKER SOLIX X1 X1-H5K-T (AS4777-2 2020) (5kW)	1		
Battery Storage ANKER X1-B5-H (5kWh / 5kWh usable)	4		
Installation & labour	1		
Installation accessory	1		
Freight	1		
Discount			
		Subtotal incl. GST	
		Included GST	
		62 STCs <sup>8</sup>	
		186 Battery STCs <sup>8,9</sup>	
		<b>Total incl. GST</b>	

**Acceptance**

Please sign and return to TIITO TRADING PTY LTD. Be sure to keep a copy for your own records. A 10% deposit is required to initiate the process. Final payments are to be made upon full completion of installation. **Offer valid until 25th Sep 2025**

**Payment**

\_\_\_\_\_  
 Client Name

\_\_\_\_\_  
 Client Signature

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## Additional Information

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**Roof material**  
colourbond

**Storeys**  
2

**Power phases**  
Three phase

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**Energy Retailer**  
Red Energy

**Distributor**  
Ausgrid

**NMI**  
[REDACTED]

**Meter number**  
[REDACTED]

SAMPLE

# Consumer Information Products

Properly researching your options before purchasing can help you get the most value from your energy system. Our free consumer guides, developed by Energy Consumers Australia, explain how to ensure you get tech that meets your needs.

[Installing solar](#)



[Using solar](#)



[Installing battery storage](#)



[Using battery storage](#)



**New Energy Tech Approved Sellers are committed to meeting consumer protection standards on solar systems. Look for the Approved Seller badge**

## Assumed values

**DC Array Power Tilt Azimuth**  
 3.96kW 22° 31°  
 3.52kW 22° 302°  
 Azimuth measured clockwise from North

**System efficiency<sup>4</sup>**  
 87%

**AC system size**  
 5kW

**Export limit**  
 No export limit

**Quarterly electricity bills**  
 \$1,000.00 (Summer) \$1,000.00 (Autumn)  
 \$1,000.00 (Winter) \$1,000.00 (Spring)

**Utility rate inflation**  
 3.79% per annum

**Self-consumption rate**  
 86.74%

**Daily supply charge**  
 \$0.95

**Current electricity price**  
 \$0.31

**Feed-in Tariff**  
 \$0.06

**System lifetime**  
 20 year

**Inflation rate<sup>10</sup>**  
 2.1% per annum

**Effective interest rate<sup>10</sup>**  
 1.36% per annum

**Replacement costs**  
 \$0.00 in year 10

**PV degradation**  
 JA Solar DeepBlue 4.0  
 JAM54D40-440/LB  
 99% for the first year  
 -0.4% per year to year 30

**Nominal storage capacity**  
 20kWh

**Maximum depth of discharge**  
 100%

**Usable storage capacity**  
 20kWh

**Power**  
 30.4kW peak / 12kW

**Round trip efficiency**  
 95%

**Battery STCs factor (2025)**

Capacity	STC factor	STCs
20kWh	9.30	186.00
<b>Total (rounded down)</b>		<b>186</b>

# Details

The Owner

Retailer  
Attention: TIITO TRADING PTY LTD  
Address: 1.35/ 90 Bourke RD, Alexandria, NSW 2015, Australia  
Phone: 02 8201 3505  
Email: [sales@tiito.com.au](mailto:sales@tiito.com.au)

Cooling-off period  
This agreement is not initiated through unsolicited contact, so the 10-business-day cooling-off period under the Australian Consumer Law (ACL) does not apply. You still retain all other rights under the ACL and the NETCC Code, including the right to cancel if the product or service fails to meet consumer guarantees or if key information was inaccurate.

System Price	GST Inclusive
Less STC Incentive	(62 STCs × \$37.00) GST Exclusive
Less Battery STC Incentive	(186 Battery STCs × \$37.00) GST Exclusive
Total Price Payable	Total incl. GST

Description of Energy System Installation  
The Energy System Installation, comprising of the modules, roof design, inverters, batteries, heat pump, EV chargers, air-conditioning and/or electrical components:

Component	Manufacturer	Model	Quantity
Panel	JA Solar DeepBlue 4.0	JAM54D40-440/LB	17
Inverter	ANKER	X1-H5K-T (AS4777-2 2020)	1
Energy storage	ANKER	X1-B5-H	4

Start date

Property

Date of installation completion  
October 30, 2025  
Note: turn-around time is usually 6-8 weeks after Deposit payment

Contract documents (Order of precedence in interpretation)  
These Details  
Special Conditions — Schedule 1  
Terms and Conditions of Energy Installation Contract  
Schedule of Rates — Schedule 2  
System Specifications — Schedule 3

Grid Connection Application  
 Owner to Apply Directly – Clause 4.2 applies  
 Retailer to Apply on Owner's behalf – Clause 4.1 applies

Execution Method  
 Manual signature  
 Electronic Signature Process

Contractual Warranty  
The Retailer warrants that the Energy System Installation (which for the avoidance of doubt, includes the operation and performance of the whole PV system, including workmanship and products) will be fit for purpose and free of defects for the entire period of **5 years** (hereafter the **Guarantee Period**).

Payment milestones (Clause 5(b))  
As set out in the Quotation (or if that is blank), as follows:

Percentage	Description	Amount
10%	Deposit	
30%	Solar System Delivery to Property	
30%	Installation of Solar System Components	
30%	Installation Completion	

## Warranty

Product	Type	Standard warranty	Downloads
JA Solar DeepBlue 4.0 JAM54D40-440/LB 440W	Solar panel	25 years product, 30 years performance	<a href="#">Warranty file</a>
ANKER X1-H5K-T (AS4777-2 2020) 5000W	Inverter	10 years	<a href="#">Warranty file</a>
ANKER X1-B5-H 5kWh	Battery	10 years	<a href="#">Warranty file</a>

System component warranties are different from the system lifetime. Please see the Assumed Values page.

## Manufacturers

Product	Manufacturer	Contact	Address
JA Solar DeepBlue 4.0 JAM54D40-440/LB	JA SOLAR AUSTRALIA PTY LIMITED ABN: 68 164 221 005	service.au@jasolar.com +61 289 122 165	Level 25/100 Mount Street North Sydney NSW 2060